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DEPARTMENT OF NATURAL RESOURCES

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Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 5, 2010

Mike Edwards
Geneva Rock Products, Inc.
1565 West 400 North
Orem, Utah 84057

Subject: Initial Review of Notice of Intention to Revise Large Mining Operations, Geneva Rock Products, Inc., Pelican Point Quarry, M/049/0011, Utah County, Utah

Dear Mr. Edwards:

The Division has completed a review of your Notice of Intention to Revise Large Mining Operations for the Pelican Point Quarry. Overall, the submittal was well organized and professionally done. Your staff should be complemented. There are, however just a few comments that need to be addressed before tentative approval may be granted.

The comments are listed under the applicable Minerals Rule heading; please format your response in a similar fashion. Please address only those items requested in the attached technical review by sending replacement pages of the original mining notice using **redline and strikeout** text, so we can see what changes have been made. After the notice is determined technically complete and we are prepared to issue final approval, we will ask that you send us two clean copies of the complete and corrected plan. Upon final approval of the permit, we will return one copy stamped "approved" for your records.

The Division will suspend further review of the Notice of Intention until your response to this letter is received. If you have any questions in this regard please contact me at 801-538-5261 or Lynn Kunzler, at 801-538-5310. Thank you for your cooperation in completing this permitting action.

Sincerely,

Paul B. Baker

Minerals Program Manager

PBB:lk:vs

Attachment: Review

cc: John Blake, SITLA (jblake@utah.gov)

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**REVIEW OF NOTICE OF INTENTION
TO REVISE LARGE MINING OPERATIONS
Geneva Rock Products, Inc.
Pelican Point Quarry
M/049/0011
April 5, 2010**

R647-4-104 - Operator's, Surface and Mineral Ownership

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
1	Page 8 item #9	Please provide a name and address of all surface <i>and mineral</i> owners of the adjacent lands.	lk	

R647-4-105 - Maps, Drawings & Photographs

General Map Comments

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
2		There are two maps marked Figure 3. Please give each map a unique number such as Figure 3-1 and Figure 3-2. In addition, one of the Figure 3 maps is so dark that some parts are illegible. Please show what areas were disturbed pre-law and other key elements	whw	
3		Please show the existing surface and subsurface facilities, possibly on Figure 3 or in Section 105.2.		
4		Please show the facilities that will exist on site during operations, possibly on Figure 4.		
5		Please provide cross sections of areas where the reclaimed slopes will be steeper than 2H:1V. These should be at an interval of every 400 feet. Please also show on the cross sections pre-law disturbed areas where the slopes will be steeper than 1H:1V.		
6		Maps should have a legend that describes what each item, line color, hatching, etc. is.		

105.3 - Drawings or Cross Sections (slopes, roads, pads, etc.)

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
7		The operator should include cross sections of the roads that will be constructed/used during operations.	whw	

R647-4-106 - Operation Plan

106.2 - Type of operations conducted, mining method, processing etc.

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
8	Page 11 Blasting	The plan says the operator will not conduct seismic monitoring during blasting. The Division recommends that doing seismic monitoring if buildings are constructed within 1 mile of the quarry. If complaints are received, there will be a factual basis to comment on the likelihood that blasting caused structural damage.	whw	

R647-4-109 - Impact Assessment**109.4 - Slope stability, erosion control, air quality, safety**

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
9	Page 26, Para 6	Historic underground workings have been observed during past inspections. Please provide a discussion regarding the underground workings – do they still exist, or have they been mined through? If they are still there, how will the public be prevented from entering them?	lk	

R647-4-110 - Reclamation Plan**110.2 - Roads, highwalls, slopes, drainages, pits, etc., reclaimed**

Comm ent #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
10		Please include cross sections of the roads that will be left after reclamation.	whw	

R647-4-112 - Variance

Comment #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
11	Page 32 of 40	The plan says all areas of highwall developed or affected since Geneva took over the quarry in 2006 will be reclaimed to a 45 degree benched slope or less. Other highwall areas not affected by Geneva may be left at a steeper configuration if at least three yearly MSHA inspection show these areas have been stable with no significant rockfall or sloughing. Please include a stability report, preferably from a professional engineer, showing that the highwall will be stable.	whw	

R647-4-113 – Surety

Comment #	Sheet/Page/ Map/Table #	Comments	Initials	Review Action
12		Please clarify the information about the demolition costs for the fuel tanks. The plan lists the number of loads as 4 but the number of tanks as 1. Means costs are based on the assumption that disposal of the tank will take 1 trip not 4; please clarify. Please clarify why a cost to ship demolition debris from the concrete plant to a recycling center was included but not the debris from the wash plant. Please add disposal costs for miscellaneous buildings.	whw	
13		The plan says 217 acres are in the bonded area, but the area to be reseeded shown in the bond calculations in Appendix F is 182 acres. Please explain the discrepancy. It is assumed the difference is because portions of the highwall will not be seeded.	whw	